



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Schlage Lock Company, LLC
6810 Hillsdale Court
Indianapolis, IN 46250

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: SteelCraft Series H16-4 FL 8080 Double Outswing Commercial Steel Louvered Doors-LMI

APPROVAL DOCUMENT: Drawing No 882W-2 Rev F, titled "Steelcraft H16-4 FL 8080 Double Doors (outswing)", sheets 1 through 12 of 12, prepared by the manufacturer, dated 08-12-02 and last revised on 08/12/14, signed and sealed by Thomas Gordon, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitations:

1. See Design Pressure in sheet 1. Air infiltration, Water resistance and Fire ratings are **not** part of this approval.
2. See sheets 5 and 6 for installation, sheet 8 for threshold, sheet 9 for lock and sheet 10 for hinges options.
3. 14 ga (.075"thk) Steel or Stainless steel continuous hinges are limited to max DP= +/- 50 PSF for entire unit
4. Door opening is limited to max. 98"x98" for double doors and max. 48"Wx96"H for single doors.
5. Electrical/Electronic function is not part of this approval, such functions to be reviewed and approved by AHJ.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Cincinnati, Ohio and Series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 13-1007.06 (former Ingersoll-Rand Company) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 13-1205.06
Expiration Date: November 13, 2018
Approval Date: October 23, 2014

4
10/17/14

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings (Submitted under files listed below).
2. Drawing No **882W-2 Rev F**, titled "Steelcraft H16-4 FL 8080 Double Doors (outswing)", sheets 1 through 12 of 12, prepared by the manufacturer, dated 08-12-02 and last revised on 08/12/14, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files listed below)

1. Test report on
 - 1) Air Infiltration Test, per TAS 202-94(Not conducted)
 - 2) Water Resistance Test per FBC TAS 202-94(Not conducted)
 - 3) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC, TAS 202-94

Along with manufacturer's parts and section drawings of double outswing Louvered steel doors w/Anemostat Louver (PLSL) and National Guard Louver (L-VRSG-2) kit, marked by Element Material Technology Inc., Test Reports No. **ESP01330P-2** dated April 16, 2013 and Single steel louvered door w/ Air Louver (1500-A), Test Reports No. **ESP01330P-1** dated April 16, 2013, both signed & sealed by Ramesh Patel, P.E.

Note: The above test reports have an addendum letter, issued by test lab, dated July 11, 2014, signed and sealed by Ramesh Patel, P.E.

1. Test report on
 - 1) Air Infiltration Test, per TAS 202-94(Not conducted)
 - 2) Water Resistance Test per FBC TAS 202-94(Not conducted)
 - 3) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per PA 202-94

along with marked-up drawings and installation diagram of a louvered commercial steel door system w/*Air Louver, Inc.-1500A* steel louver, *National Guard Products L-VRSG-2 Air Louver* steel louver blades, and *Anemostat PLSL* fixed blades louver insert, all prepared by Certified Testing Laboratories, Test Reports No. **CTLA-882W-2**, dated August 29, 2002 and **CTLA-1107W-2**, dated September 5, 2003 for *Anemostat FLDL-UL-SGI* fusible link louver insert, both signed and sealed by Ramesh Patel, P.E.(submitted under NOA # 08-0908.20/#03-0327.02)

3. Reference test reports CTLA 776W-1 and CTLA 1035W-2 for anchor qualifications.

C. CALCULATIONS:

1. Anchor verification calculations per FBC 2010, dated 08/12/14, prepared, signed & sealed by Thomas Gordon, P.E.
2. Hinge Load Evaluation report, dated 01/04/04, prepared, signed & sealed by Thomas Gordon., P.E.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 13-1205.06

Expiration Date: November 13, 2018

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D. QUALITY ASSURANCE BY

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS (except item #1, submitted under file # 11-0921.12)

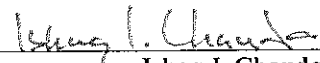
1. Tensile test report # CTLA-0244W, dated 04/12/13 prepared by CTL Architectural Division, steel sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.
2. Test Report No. **3094867SAT-001**, April 13, 2006, issued by Intertek for "Surface Burning Characteristics of Building material" per ASTM E84 and self-Ignition per ASTM1929D for "EPS", issued to Falcon Foam, a Div. of Atlas Roofing, re-named as "ATLAS EPS"
3. Test Report No. **16206-122543 (1015P200(3))**, dated November 29, 2004 for "Surface Burning Characteristics of Building material" per ASTM E84 and self-Ignition per ASTM1929D for "Polyisocyanurate" issued by Omega Point Laboratories, Inc. to Elliot Company, Indianapolis, IN.

F. STATEMENTS:

1. Letter of conformance to FBC 2010 "No financial interest" dated 08/12/14, signed and sealed by Gordon Thomas, P.E.
2. Laboratory Statement of compliance, part of the above referenced test reports.
3. Addendum letter dated July 11, 2014, issued by Element Material Technology, signed and sealed by Ramesh Patel, P.E.
4. Ingersoll-Rand press release, dated 12/10/12, integrating the brands of Ingersoll-Rand and Schlage among others.
5. Department of State Certification of Reinstatement for **SCHLAGE LOCK COMPANY, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 03/17/06 and filed with the Secretary of State
6. Certification of Formation dated 12-08-2003 of Schlage Lock Company, LLC, issued by Secretary of State of Delaware.
7. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan.
8. Commitment letter dated October 14, 2014, issued by Allegion, signed by Jim Donlan.

G. OTHER

1. This NOA **revises & renews NOA # 13-1007.06**, expiring on 11/13/18.
2. Test proposals **#12-0913-R, #14-1086** and **#14-0252-R** approved by RER.
3. Additional marked-up drawings provided as part of addendum letters by Element Material Technology, Inc.
4. Schlage & Falcon Mortise Locks brochures / catalogs supplied by Schlage/Ingersoll-Rand(Allegion).
5. Technical brochures of butt Hinges & continuous Hinges supplied by Schlage Co.



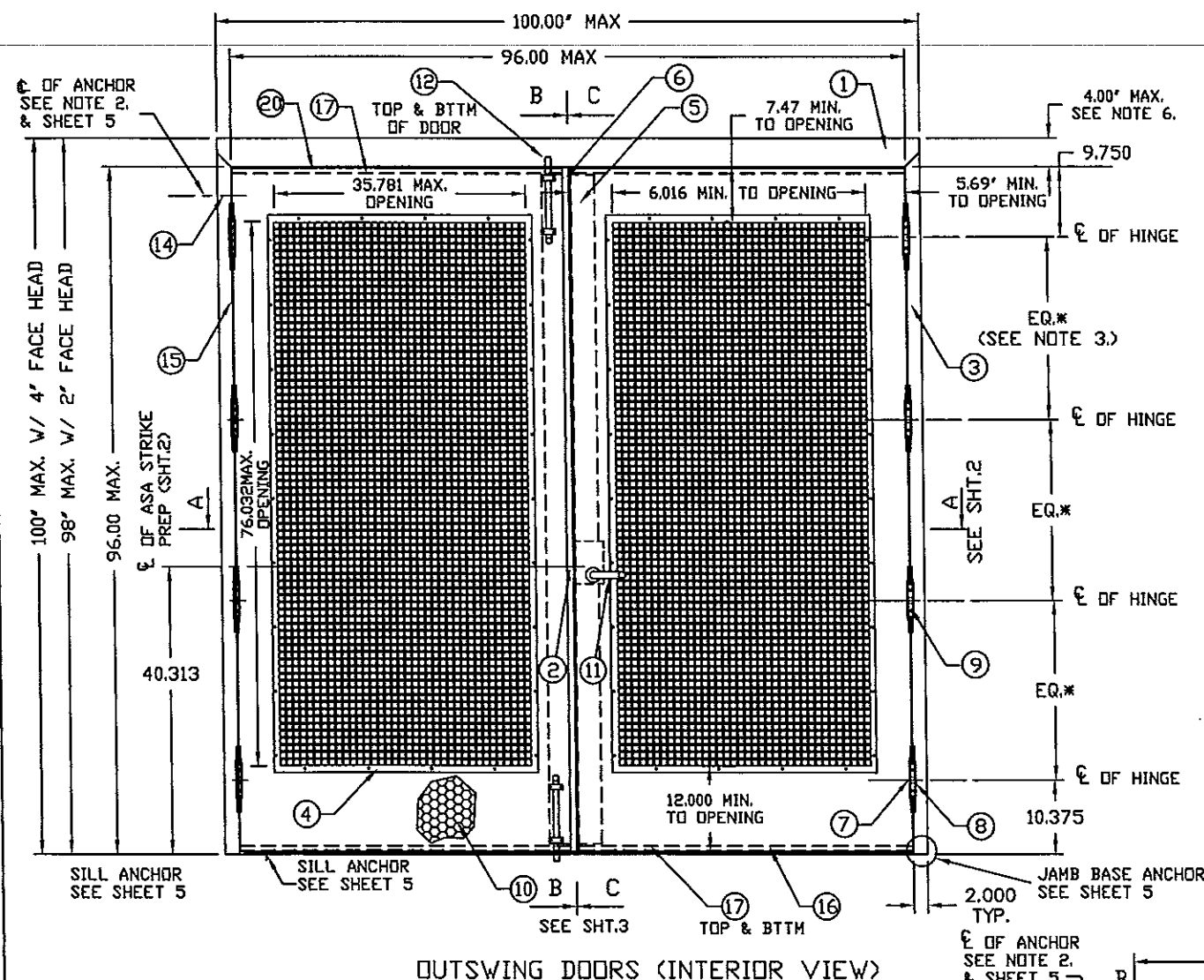
Ishaq I. Chanda, P.E.

Product Control Examiner

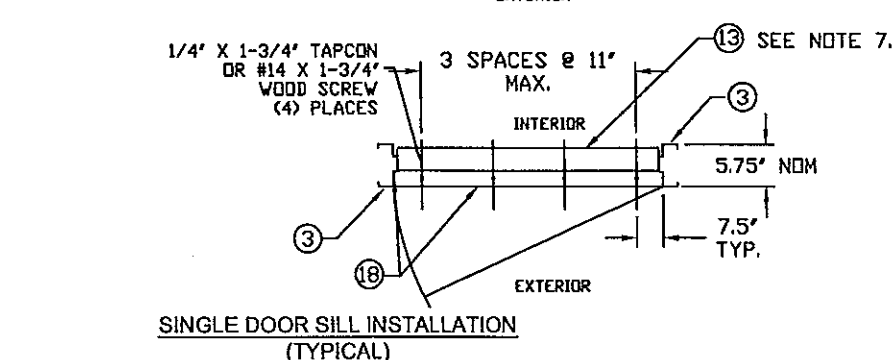
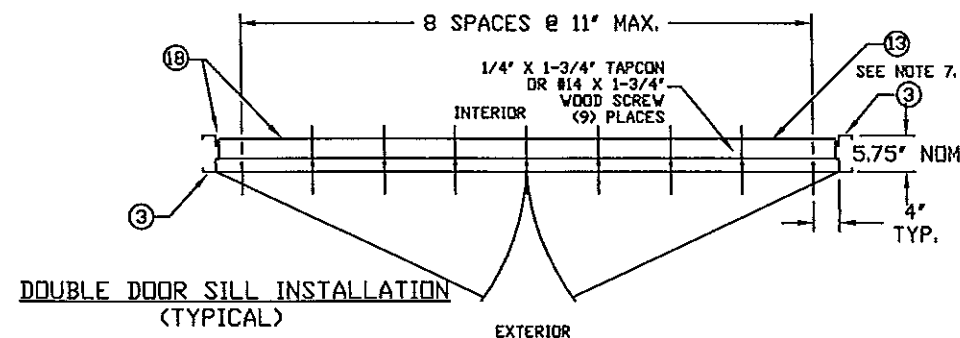
NOA No. 13-1205.06

Expiration Date: November 13, 2018

Approval Date: October 23, 2014



OUTSWING DOORS (INTERIOR VIEW)



GENERAL NOTES:
 1. THIS DOOR SYSTEM HAS BEEN TESTED AND DESIGN TO MEET THE CURRENT FLORIDA BUILDING CODE (FBC) REQUIREMENTS, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
 2. THE DOORS ARE LARGE MISSILE IMPACTED
 3. DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.

DESIGN PRESSURE RATING		IMPACT RATING
WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NEEDED	WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NOT NEEDED	LARGE AND SMALL MISSILE IMPACT
POSITIVE	NOT APPROVED	+ 60 PSF
NEGATIVE	NOT APPROVED	- 60 PSF

NOTES:
 1. TWO ROWS OF PS074 WEATHERSTRIPPING PER JAMB AND HEAD. INSTALL PER SHT.7
 2. ANCHOR REQUIREMENTS: SEE SHT 5 & 6 FOR APPROVED ANCHORS AND INSTALLATION.
 3. HINGE REQUIREMENTS: FOR DOOR OPENING UP TO 7'6" HIGH - MIN (3) HINGES FOR DOOR OPENING 7'7" - 8'0" HIGH - MIN (4) HINGES LOCATIONS: 9.75' FROM RABBIT IN HEAD TO CL OF TOP HINGE- 10.38' FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED BETWEEN.
 4. SEE SHEET 4 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
 5. APPROVED HARDWARE AND LOUVERS INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
 6. 4' FACE HEAD IS AVAILABLE WHEN FRAME IS GROUTED WITH CONCRETE. 2' FACE IS LIMITED TO 98" MAX. HEIGHT
 7. APPLY CAULK AS NEEDED.
 8. ELECTRICAL OPTIONS AND INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY THE CORRESPONDING AUTHORITY. FIRE RATING IS NOT PART OF THIS APPROVAL.
 9. OPTIONAL POWER TRANSFERS, AND MONITORING SWITCHES MAY BE USED AS ALLOWED BY CODE.

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
B	ADDED UL-RATED LOUVER	05/16/03	
E	MODIFIED PER DC BCCO	10/13/03	
F	REVISED	09/05/13	

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 13-1205-06
 Expiration Date 12/31/2018
 By *[Signature]*
 Miami Dade Product Control

[Signature] 8/14/14
 Gordon Thomas Date
 3759 Blossom Court
 Mason, OH 45040
 Florida #46718

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SEE SHT 4 & 7 ASTM A366	.053" MIN. STL	MAX. 100"
2	1	ASA STRIKE		
3	2	HINGE OR LOCK JAMB SEE SHT 4&7 ASTM A366	.053" MIN. STL	MAX. 100"
4	1	FIXED DOOR LOUVER: 1) NATIONAL GUARD PRODUCTS - L-VRSG-2 2) AIR LOUVERS, INC. - 1500-A 3) ANEMOSTAT - PLSL FUSIBLE LINK (FIRE RATED) DOOR LOUVER: 4) ANEMOSTAT - FLDL-UL-SG1 OR SG2	SEE SHT 12	37.8125' X 78' MAX.
5	2	LOCK SIDE REINFORCEMENT CHANNEL	.099" MIN. STL	3.5' X 93.44' MAX.
6	1	Z-ASTRAGAL	.067" MIN. STL	MAX. 95.5"
7	NOTE 3.	HINGE REINFORCEMENT DOOR ASTM A621	.171" MIN. STL	1.23' X 9.19'
8	NOTE 3.	HINGE REINFORCEMENT FRAME ASTM A621	.171" MIN. STL	1.28' X 9.19' MAX.
9	NOTE 3.	IVES 5BB1 OR CBI, HAGER BB1279 OR STANLEY FBB179/1900 HINGES OPTIONAL CONTINUOUS HINGES (SEE SHEET 10)	X .134 .075" MIN STL / .11 ALUM	4.50" X 4.50" MIN. (12-24 MS) 96" MAX.
10	1	CORE MATERIAL - (A,D) POLYSTYRENE (C) HONEYCOMB (B,E) POLYURETHANE	SEE SHEET 11	VARIES
11	1	LOCKING HARDWARE - LOCKSET 1) SCHLAGE 9000 SERIES MORTISE LOCK 2) FALCON MA-SERIES MORTISE LOCK (W/O D/BOLT) 3) SCHLAGE D/ND-SERIES CYLINDRICAL LOCK 4) FALCON T-SERIES CYLINDRICAL LOCK	SEE SHEET 9	SINGLE OR DOUBLE DOORS
12	2	IVES 360 12" SURFACE BOLT		
13	1	THRESHOLD SILL W/BUMPER GASKET 1) NAT'L GUARD 950A 3) ZERO 566A OR 65A 2) PEMCO 2005AS 4) DURABLE LT206HV	.100" ALUM. 6063 T5	5.5' X 0.5' X 96' MAX. PR 5.5' X 0.5' X 96' MAX. SGL
14	NOTE 2.	JAMB ANCHOR ASTM A924	SEE SHT 5 & 6	
15	6	PS074 WEATHER STRIPPING	TPE	MAX. 24'
16	2	FAS-SEAL DOOR SWEEP	TPE	MAX. 47.66"
17	4	END CHANNEL ASTM A924	.070" MIN. STL	.69' X 1.66' X 47.66' MAX.
18	AS NEEDED	BUTYL RUBBER OR 100% SILICONE		
19	1	1) SCHLAGE B600/700/800 Series Deadlock 2) FALCON D100/200 Series Deadlock	SINGLE DOOR APPLICATION ONLY	
20	2	TOP CAP GALV ASTM 924 (24 GAGE)	.020" MIN. STL	.5' X 1.76' X 48' MAX.

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN YMF DATE 08/12/02

CHECKED

APPROVED

ENG. APPVL

SCHLAGE LOCK COMPANY, LLC
 6810 HILLSDALE COURT
 INDIANAPOLIS, IN 46250

MANUFACTURING LOCATION:
 STEELCRAFT
 9017 BLUE ASH ROAD
 CINCINNATI, OH 45242

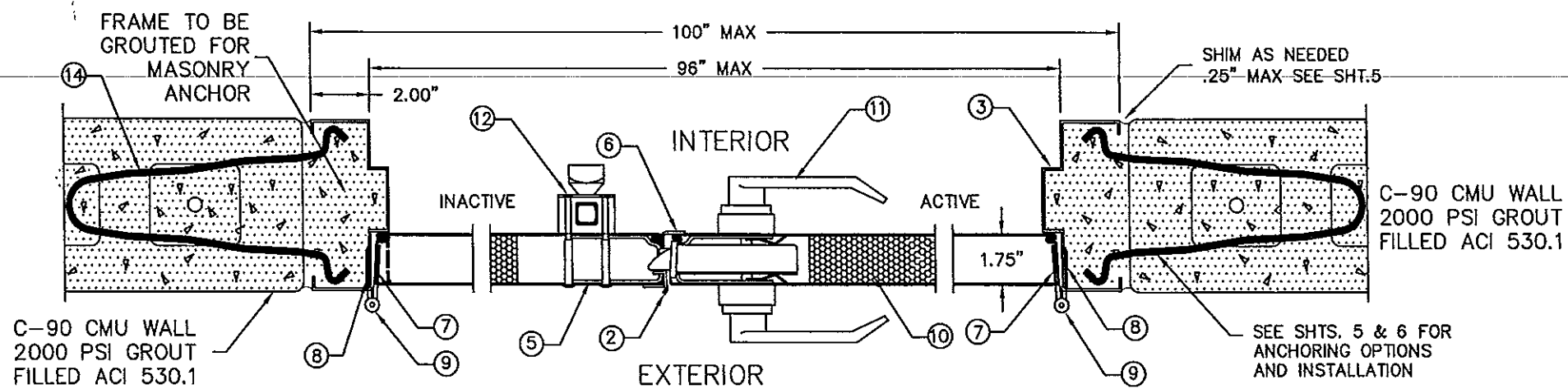
TITLE
 STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS
 H16 - 4 FL 8080 DOUBLE DOORS (OUTSWING)
 WITH FULL LOUVER
 SINGLE AND DOUBLE DOORS
 WITH COMMERCIAL LOCK HARDWARE

SIZE FLAT DWG NO. 882W-2

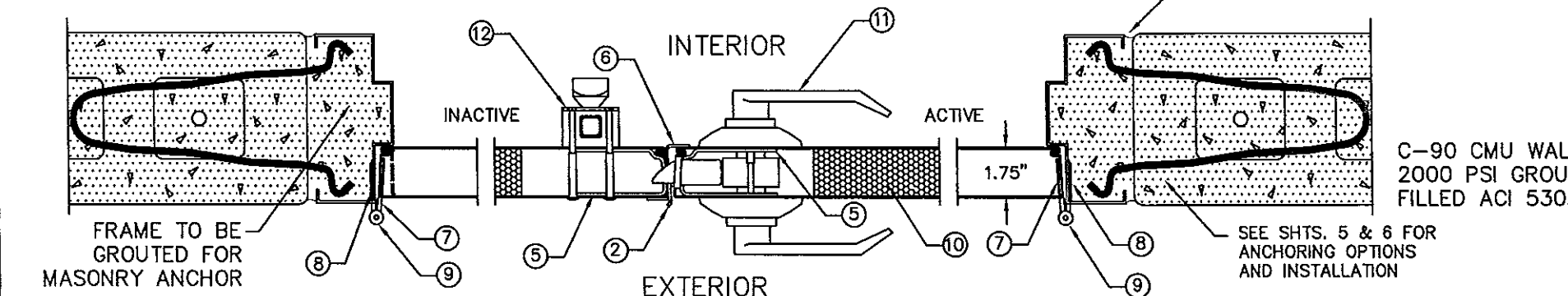
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SHEET 1 OF 12

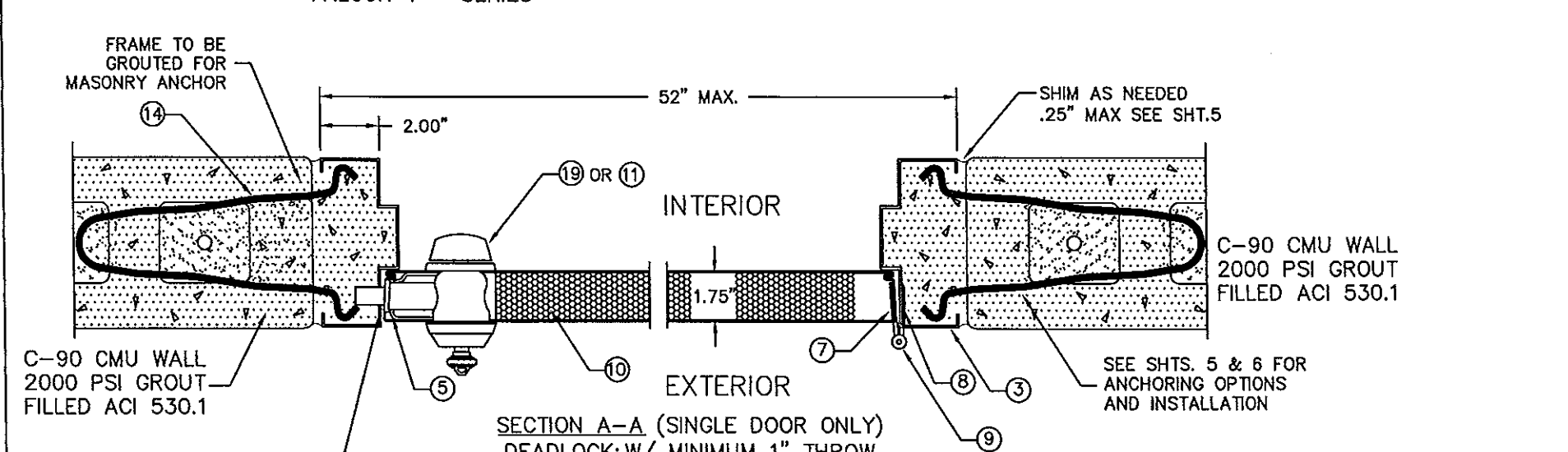
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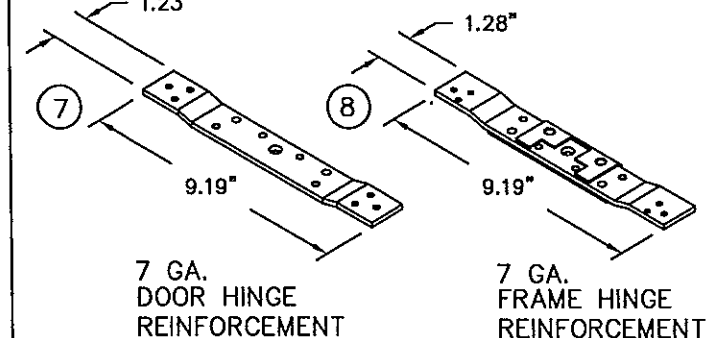
SECTION A-A
MORTISE LOCKSET: SCHLAGE L9000 SERIES WITH OR WITHOUT DEADBOLT
FALCON MA-SERIES WITH OR WITHOUT DEADBOLT



SECTION A-A
CYLINDRICAL LOCKSET: ALL CYL. LOCKS WITH 3/4" THROW LATCH
SCHLAGE D/ND - SERIES
FALCON T - SERIES

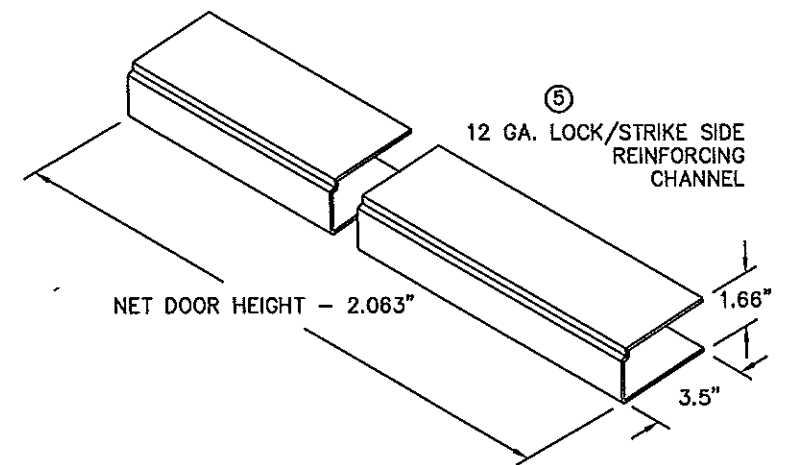


SECTION A-A (SINGLE DOOR ONLY)
DEADLOCK: W/ MINIMUM 1" THROW
SCHLAGE B600/700/800 SERIES
FALCON D100/200 SERIES



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
B	MODIFIED PER DC BCCO	09/23/03	
D	MODIFIED PER DC BCCO	10/08/03	
E	REVISED	09/05/13	

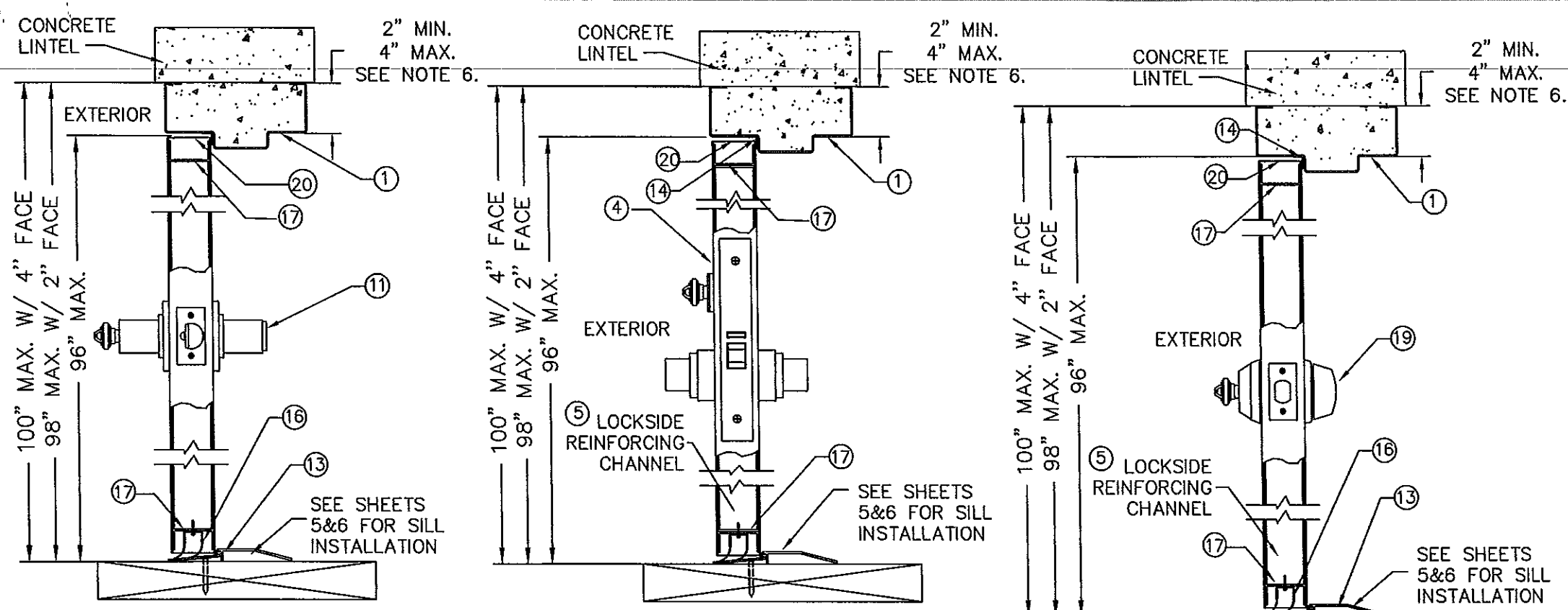
PRODUCT REVISED
as required by the Florida
Building Code
Amendment No. 13-1205-06
Effective Date 11/13/18
By: [Signature]
Miami Dade Product Control



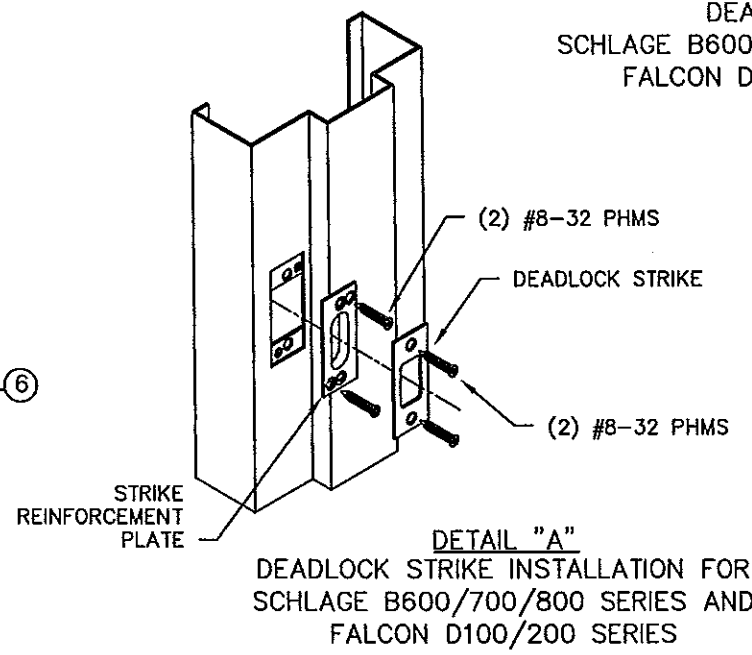
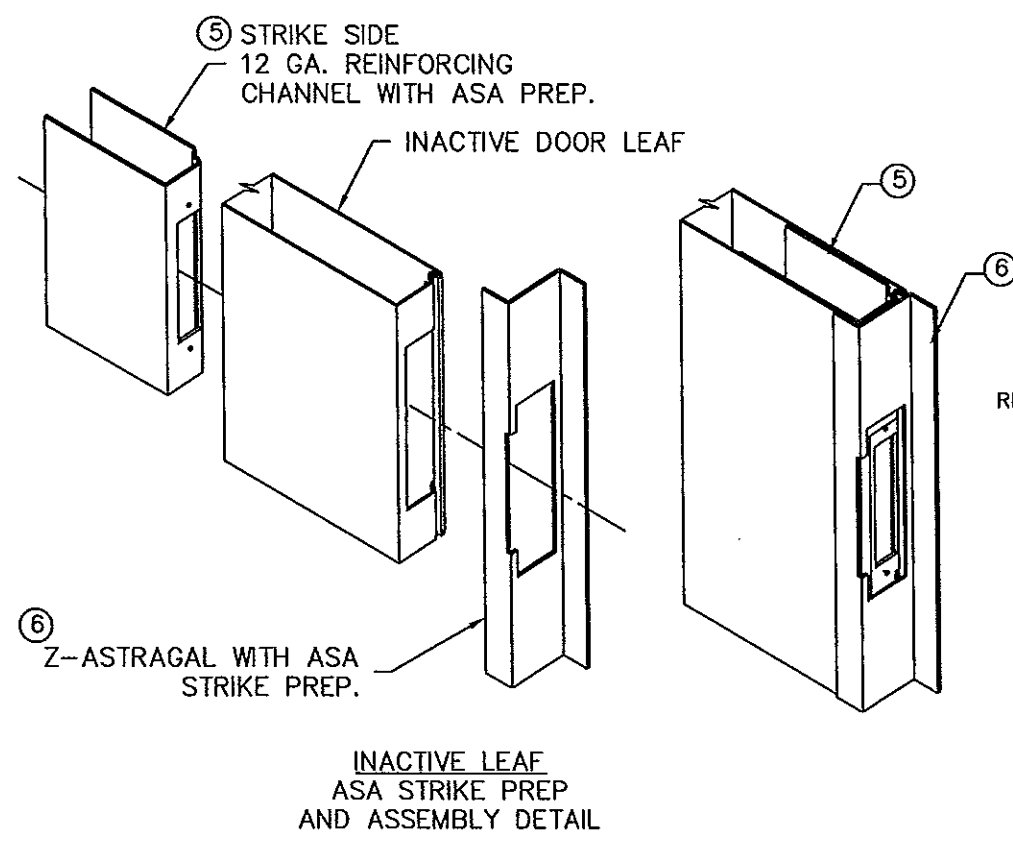
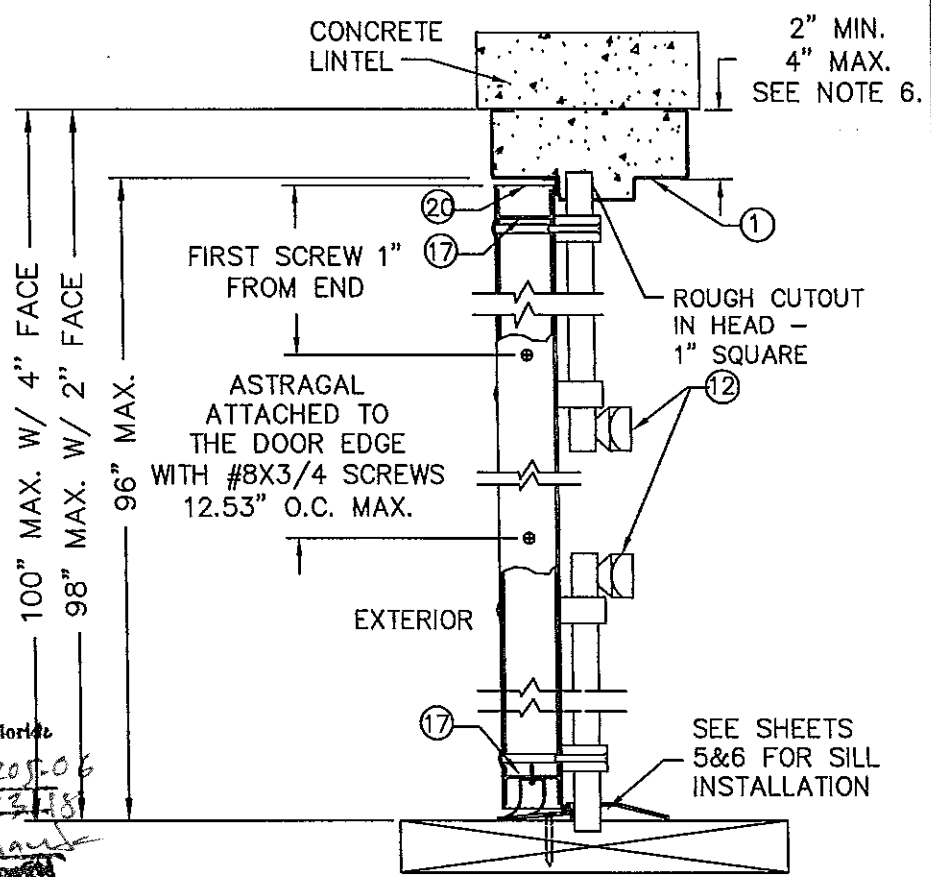
- NOTES:
1. SEE SHT.1 FOR ELEVATION, MATERIAL AND SIZE
 2. SEE SHT.1 NOTE 2. AND SHTS. 5 & 6 FOR ANCHOR REQUIREMENTS
 3. SEE SHTS. 5 & 6 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM OPTIONS AND INSTALLATION
 4. SEE SHT.4 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
 5. APPROVED HARDWARE AND LOUVER INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS

Gordon Thomas Date
3759 Blossom Court
Mason, OH 45040
Florida #46718

BEND RADIUS		THIRD ANGLE PROJECTION	
DRAWN YMF		DATE 08/12/02	
CHECKED		APPROVED	
ENG. APPVL		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS		CROSS SECTION OF DOOR AND FRAME WITH COMMERCIAL LOCK HARDWARE H16 4 FL 8080 FULL LOUVER SINGLE AND DOUBLE DOORS	
SIZE	FLAT	DWG NO.	882W-2
SCALE: NTS	AUTOCAD		SHEET 2 OF 12



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
B	MODIFIED PER DC BCCO	09/23/03	
C	MODIFIED PER DC BCCO	10/08/03	
D	REVISED	09/05/13	



- NOTES:**
1. SEE SHT.1 FOR ELEVATION, MATERIAL AND SIZE
 2. SEE SHT.1 NOTE 2. FOR ANCHOR REQUIREMENTS
 3. SEE SHTs. 5 & 6 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM
 4. SEE SHT. 4 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
 5. HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS
 6. HEAD SECTION CAN HAVE 4\"
 7. WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING.

AD/hs 8/12/14

Gordon Thomas Date
3759 Blossom Court
Mason, OH 45040
Florida #46718

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		TITLE STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS			
DRAWN YMF	DATE 08/12/02	CROSS SECTION OF DOOR AND FRAME WITH COMMERCIAL LOCK HARDWARE H16 4 FL 8080 FULL LOUVER SINGLE AND DOUBLE DOORS			
CHECKED		SIZE FLAT	DWG NO. 882W-2	REV D	
APPROVED					
ENG. APPVL					
SCALE: NTS		AUTOCAD		SHT 3 OF 12	

AVAILABLE DOOR CONFIGURATIONS
(SEE NOTE 1.)

TABLE 1.

CORE MATERIAL PER SHT.11	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE	8'0"	8'0"	CRS GALV	16/.053" 14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	8'0"	8'0"	STAINLESS STEEL	16/.053"

MINIMUM YIELD STRENGTH = 46,000 PSI
MINIMUM TENSILE STRENGTH = 52,000 PSI

AVAILABLE FRAME CONFIGURATIONS
(SEE NOTE 2.)

TABLE 2.

FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" NOM.	8'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067" 12/.099"
				STAINLESS STEEL	16/.053"
MU	5.75" NOM.	8'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067"

MINIMUM YIELD STRENGTH = 46,000 PSI
MINIMUM TENSILE STRENGTH = 52,000 PSI

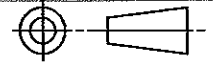
TABLE 3. SEE MIN. STRENGTH

CRS ASTM A366
HRS ASTM A1011
GALV: A60 ASTM A653 ASTM A924
STAINLESS STL: 304,316 ASTM A240

ATW 8/12/14

Gordon Thomas Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718

BEND RADIUS



THIRD ANGLE PROJECTION

DRAWN YMF

CHECKED

APPROVED

ENG. APPVL

DATE 08/08/02

SCHLAGE LOCK COMPANY, LLC
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46250

MANUFACTURING LOCATION:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS
DOOR AND FRAME
CONFIGURATIONS
AND MATERIAL SPECS.

SIZE FLAT

DWG NO. 882W-2

SCALE: NTS

AUTOCAD

SHT 4 OF 12

REV E

REVISIONS

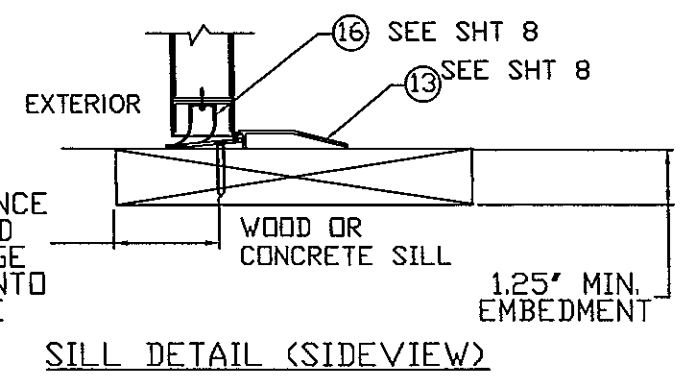
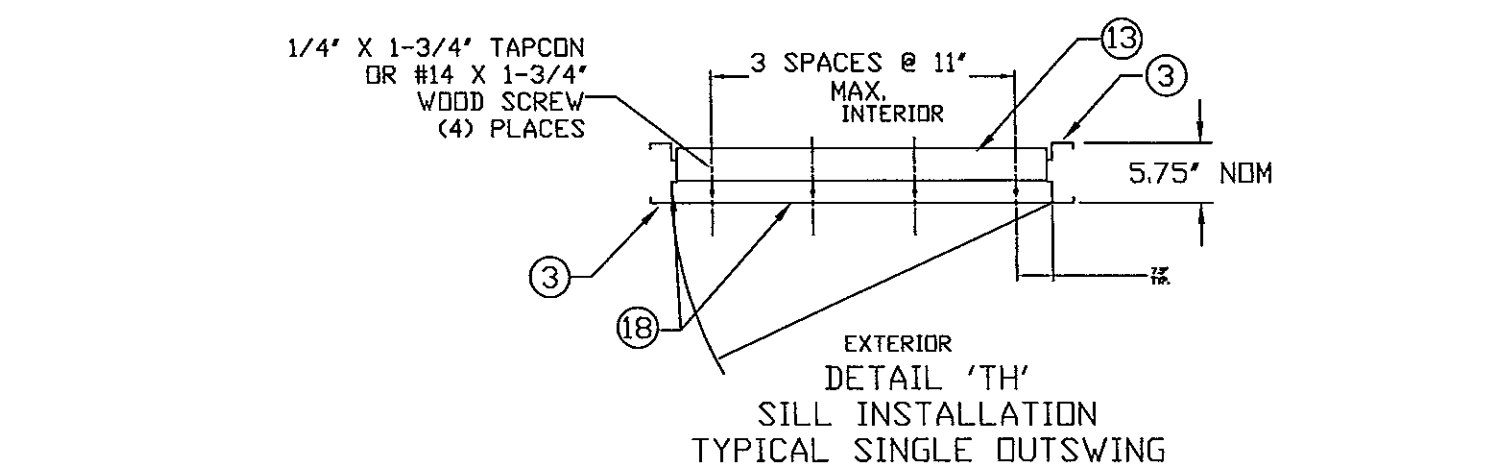
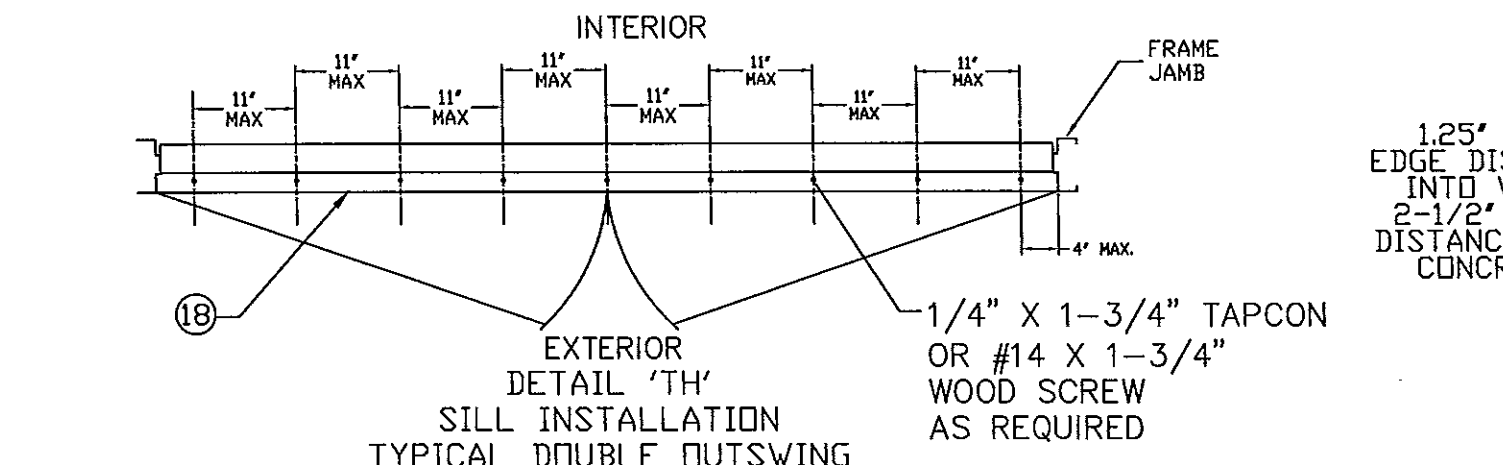
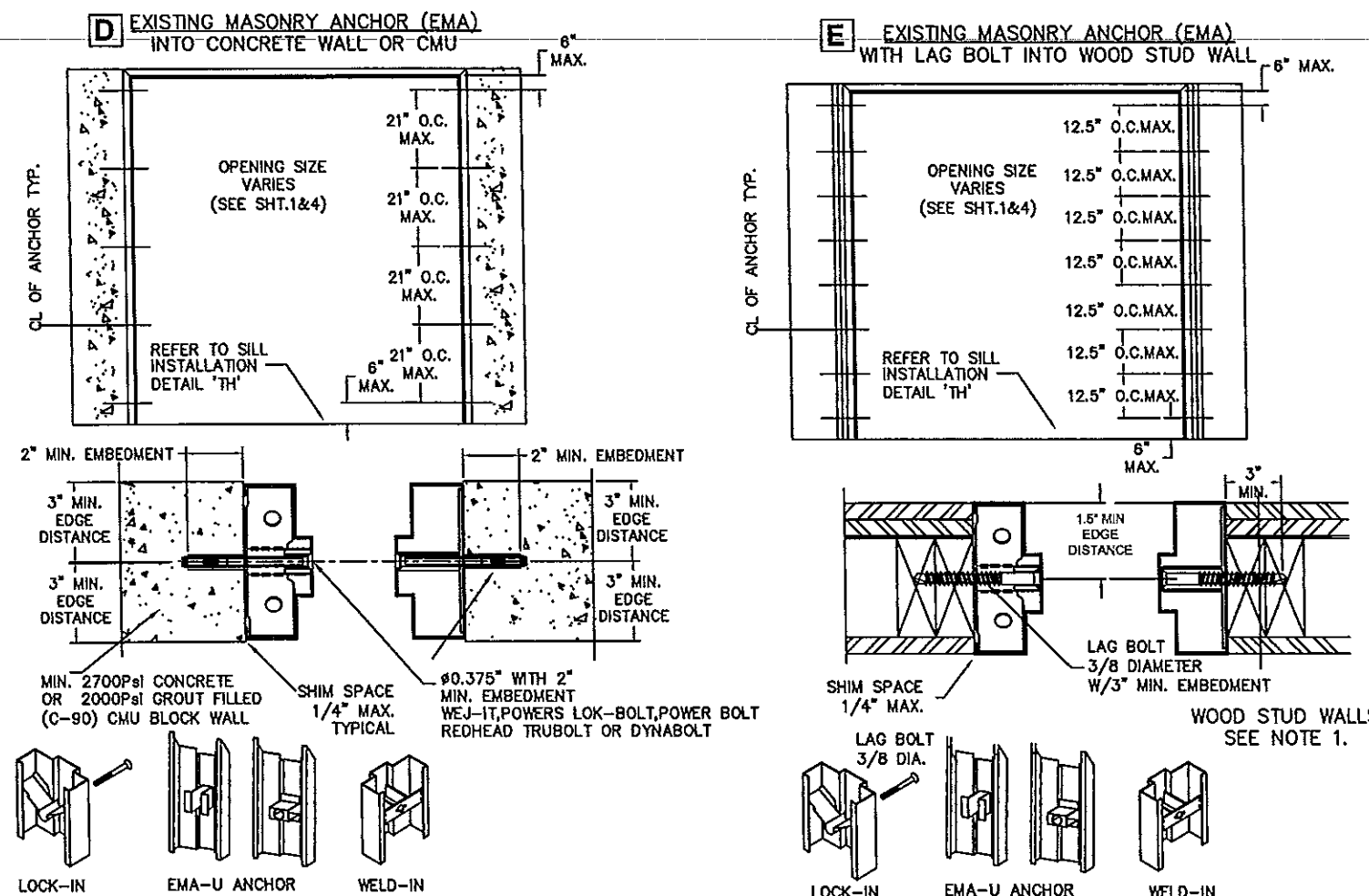
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D	MODIFIED	12/06/12	
E	REVISED	09/05/13	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1205-06
Expiration Date 11/13/18
By *[Signature]*
Shane L. Gault
Shane L. Gault Product Control

NOTES:

- 1. DOOR CONSTRUCTION (SEE TABLE 1 & 3)
 - 1.1. MINIMUM DOOR THICKNESS – 1 3/4"
 - 1.2. LOUVER OPENING SIZE TESTED (SEE SHEET 1 & 12) IS MAX SIZE AVAILABLE FOR 8'0" X 8'0" OPENING. ALL SMALLER SIZES ARE ACCEPTABLE. .
 - 1.3. MAXIMUM LOUVER OPENING SIZE WILL CHANGE IN PROPORTION WITH DOOR SIZE, KEEPING THE SAME STILE AND RAIL MINIMUM DIMENSIONS SPECIFIED IN ELEVATION ON SHEET 1 & 12.
- 2. FRAME CONSTRUCTION (SEE TABLE 2 & 3)
 - 1.1. NOMINAL JAMB DEPTH – 5 3/4", STOP HEIGHT – 5/8"
 - 2.2. FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE (MU-SERIES) (SEE TABLE.2 & 3)
- 3. FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3.

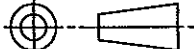
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	YMF 02/26/03	
B	REVISED	JPD 09/05/13	

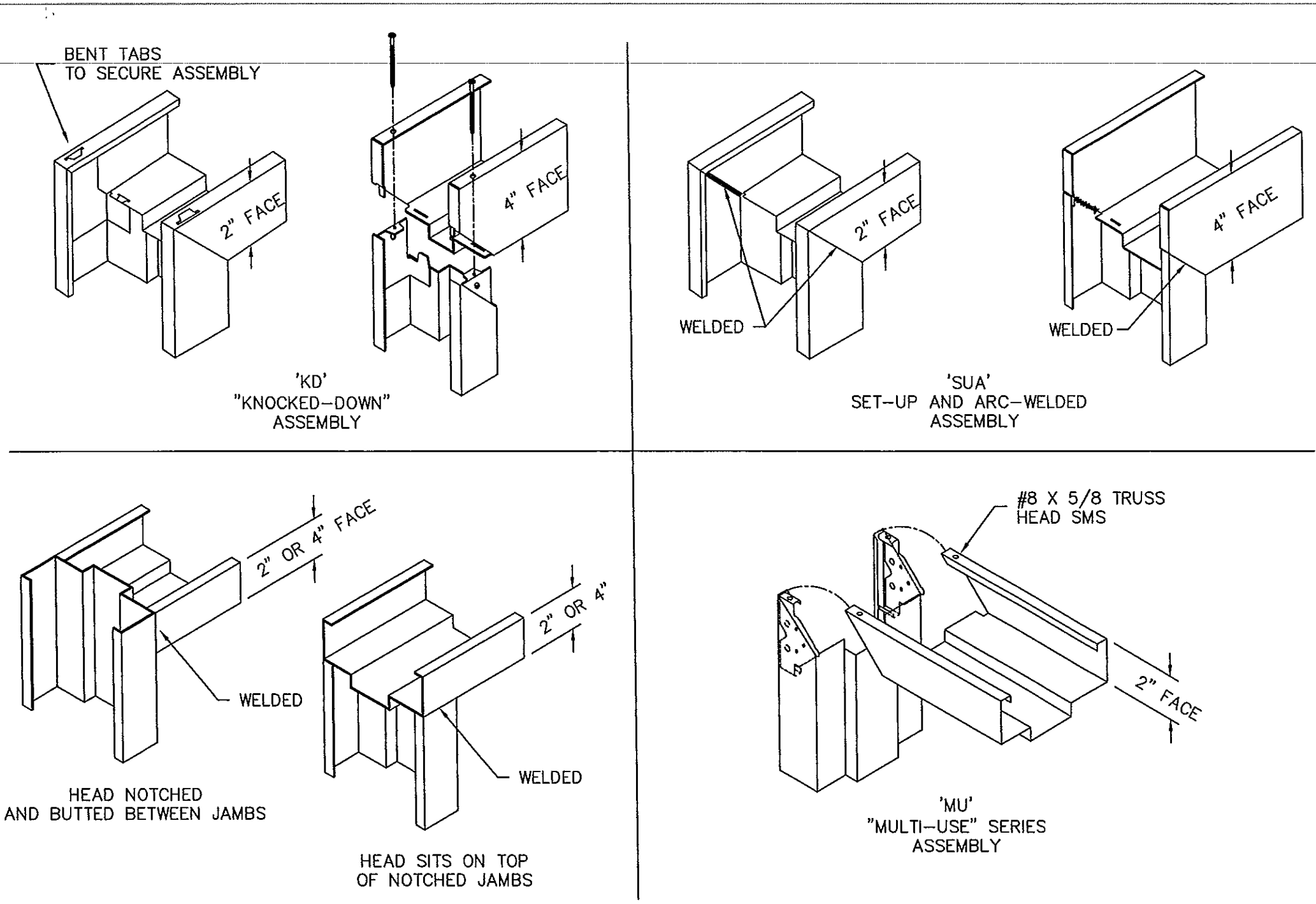


NOTES:
 1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 260#/FT FOR 60 PSF DESIGN LOAD AND TO BE REVIEWED BY THE BUILDING OFFICIAL.
 2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 3. APPLY CAULK AS NEEDED.

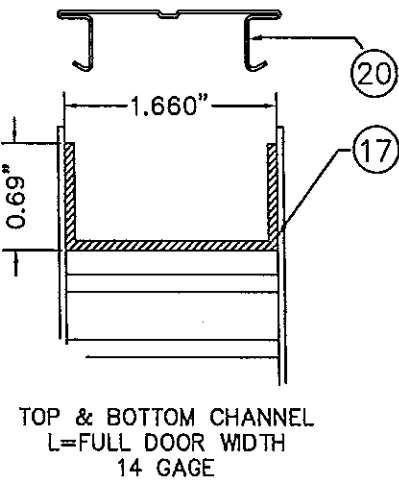
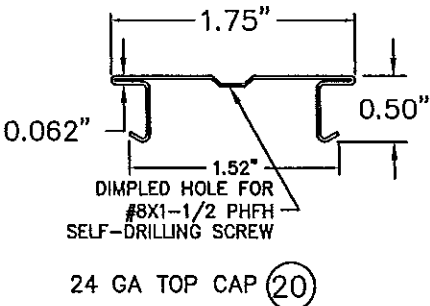
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 13-1205-06
 Expiration Date 11/13/18
 By *[Signature]*
 Miami Daily Product Control

[Signature] 8/2/14
 Gordon Thomas Date
 3759 Blossom Court
 Mason, OH 45040
 Florida #46718

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS			
DRAWN YMF	DATE 06/12/02	ANCHOR DETAILS / INSTALLATION CONDITIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 882W-2	REV B
ENG. APPVL		SCALE: NTS	AUTOCAD		SHEET 6 OF 12

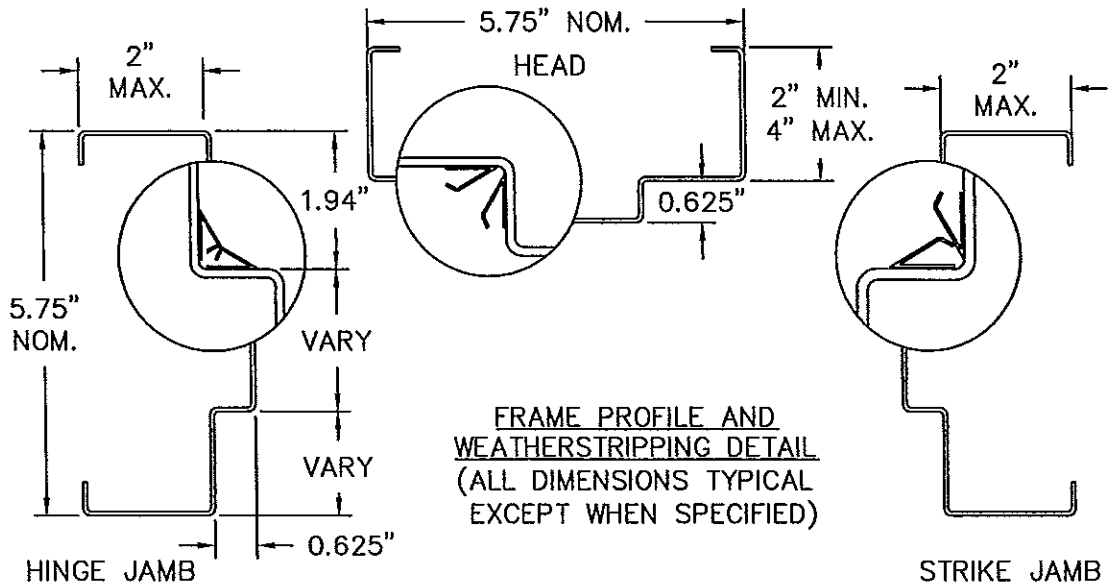


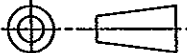
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
B	MODIFIED PER DC BCCO	09/23/03	
C	REVISED	09/05/13	



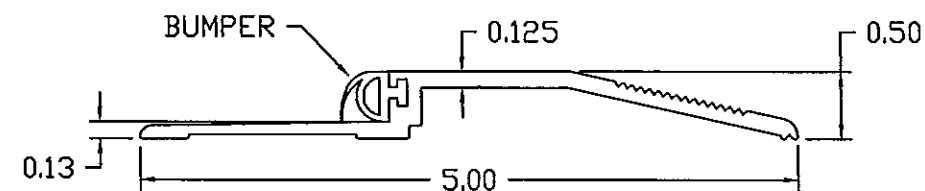
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1205-06
Expiration Date 11/13/19
By [Signature]
Miami Dade Product Control

[Signature] 8/12/14
Gordon Thomas Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718

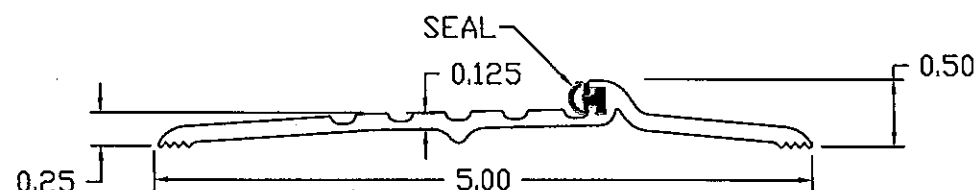


BEND RADIUS				SCHLAGE LOCK COMPANY, LLC 6810 HILLSADLE COURT INDIANAPOLIS, IN 46250		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION				TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS			
DRAWN	YMF	DATE	CORNER DETAILS AND WEATHERSTRIPPING ATTACHMENT FOR FLUSH FRAME AND MU FRAMES				
CHECKED							
APPROVED		SIZE	FLAT	DWG NO.	882W-2		REV
ENG. APPVL							C
		SCALE:	NTS	AUTOCAD			SHT 7 OF 12

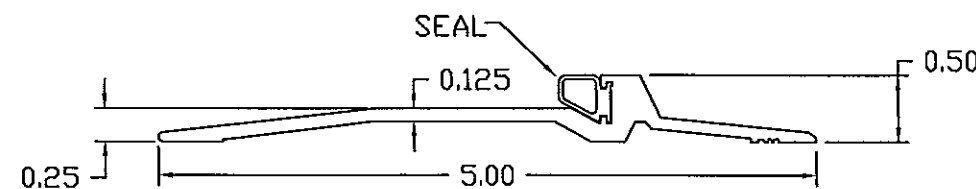
⑬ THRESHOLD OPTIONS



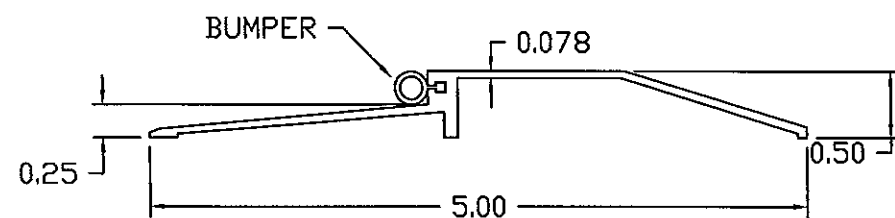
ZERO INT'L 566 SERIES THRESHOLD
WITH NEOPRENE BUMPER
6063-T5 OR T6 ALUMINUM



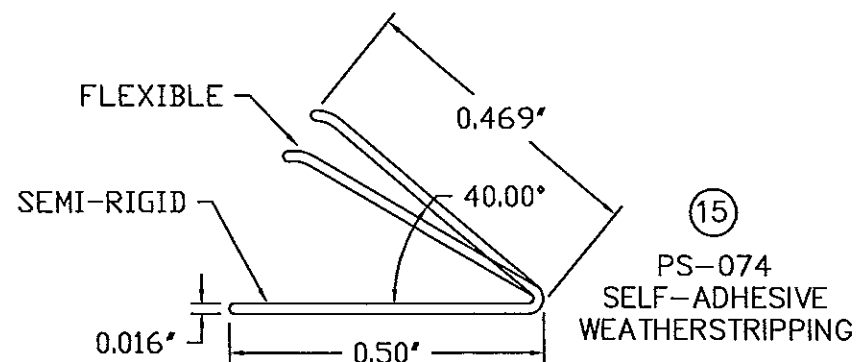
ZERO INT'L 65A SERIES THRESHOLD
WITH NEOPRENE BUMPER
6063-T5 OR T6 ALUMINUM



PEMKO 2005 SERIES THRESHOLD
WITH SILICONE, VINYL
OR PILE SEAL
6063-T6 ALUMINUM



NATIONAL GUARD 950 SERIES THRESHOLD
WITH SILICONE, VINYL
OR NEOPRENE BUMPER
6063-T5 ALUMINUM

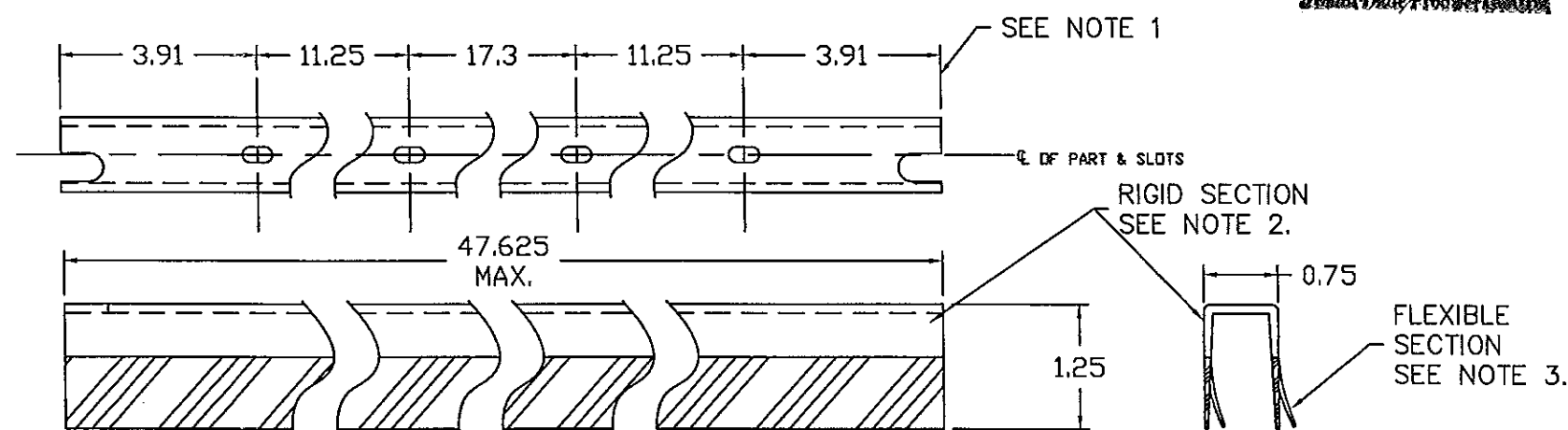


⑮

PS-074
SELF-ADHESIVE
WEATHERSTRIPPING

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	09/05/13	

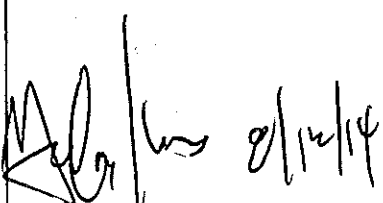
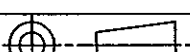
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1205-06
Expiration Date 11/13/18
By [Signature]
[Signature]



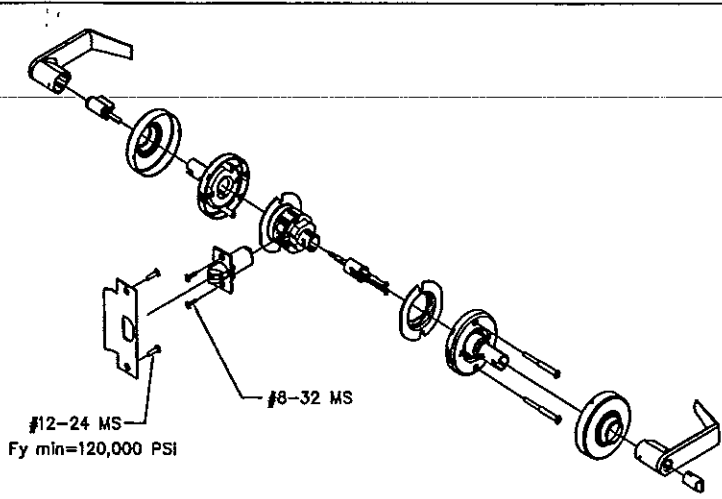
⑯ FAS-SEAL DOOR SWEEP

NOTES:

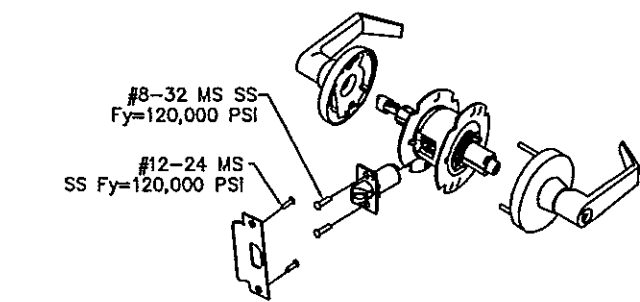
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73 73 DUROMETER - SHORE A SCALE

<div> Gordon Thomas Date 3759 Blossom Court Mason, OH 45040 Florida #46718</div>	BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
						
	THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS			
	DRAWN JPD	DATE 09/05/13	SINGLE AND DOUBLE DOOR ACCESSORIES BOTTOM SWEEP, THRESHOLDS, AND WEATHERSTRIPPING			
	CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	882W-2	REV A
ENG. APPVL		SCALE:	NTS	AUTOCAD	SHT 8 OF 12	

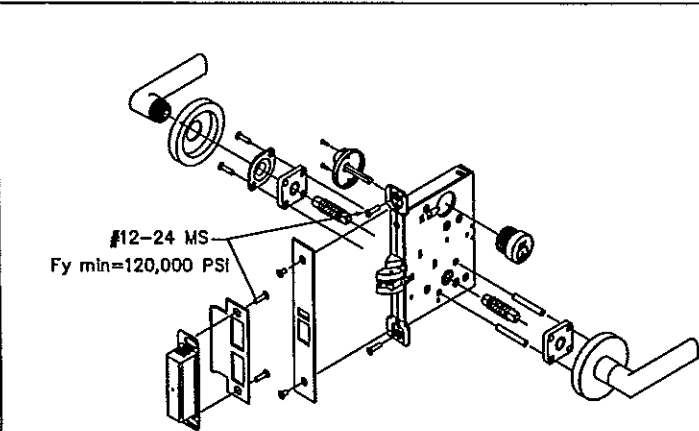
Gordon Thomas Date 8/14/14
3759 Blossom Court
Mason, OH 45040
Florida #46718



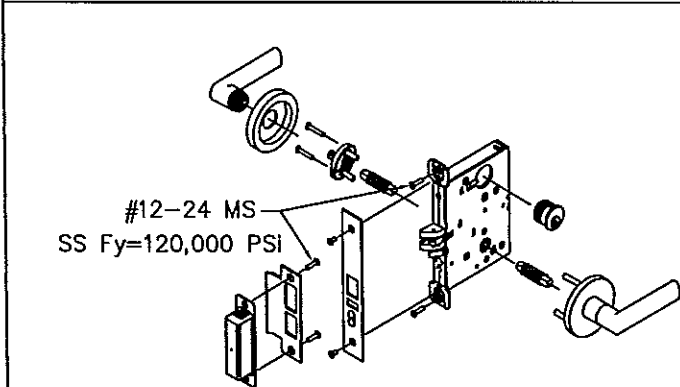
SCHLAGE D/ND-SERIES CYLINDRICAL LOCKSET WITH 3/4" THROW LATCH



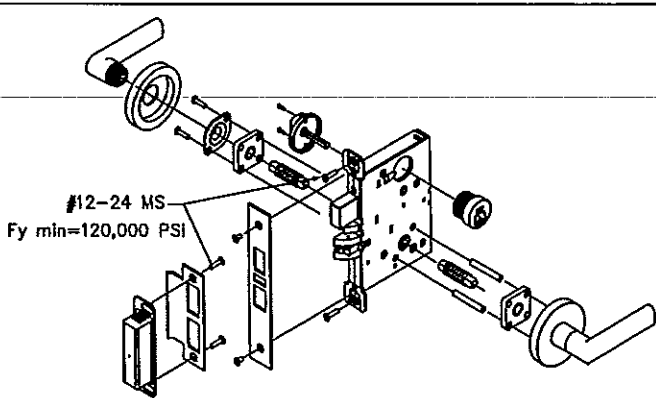
FALCON T-SERIES CYLINDRICAL LOCKSET WITH 3/4" THROW LATCH



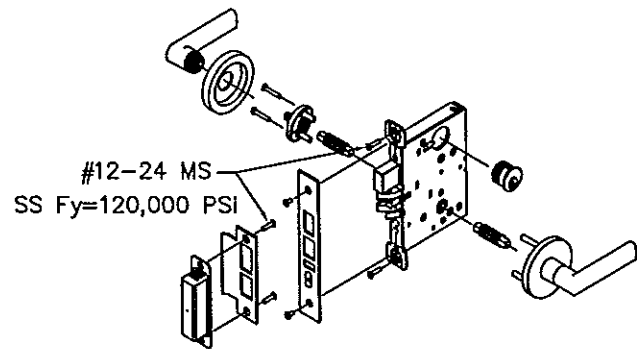
SCHLAGE L/LV 9000-SERIES MORTISE LOCKSET WITHOUT DEADBOLT WITH 3/4" THROW LATCH



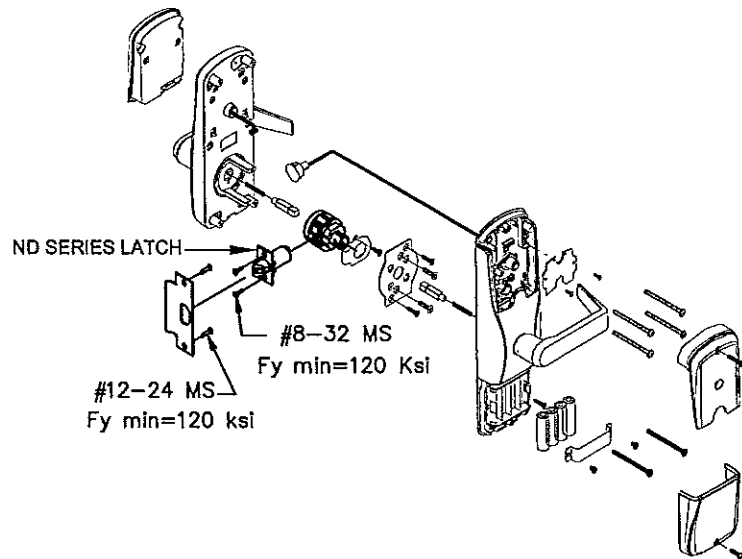
FALCON MA-SERIES MORTISE LOCKSET WITHOUT DEADBOLT WITH 3/4" THROW LATCH



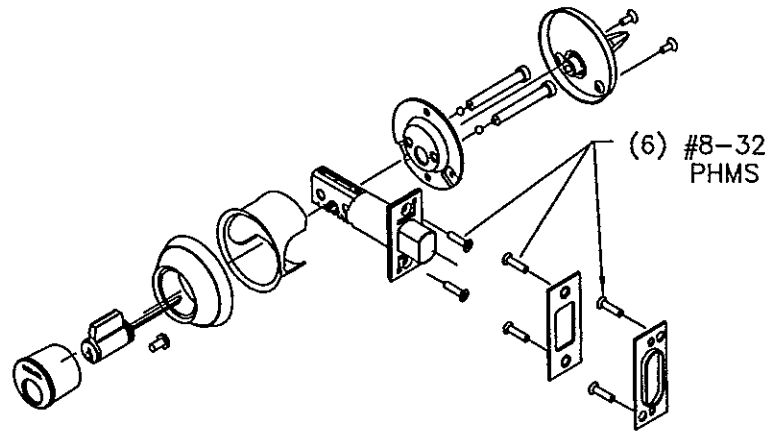
SCHLAGE L/LV 9400-SERIES MORTISE LOCKSET WITH DEADBOLT AND 3/4" THROW LATCH



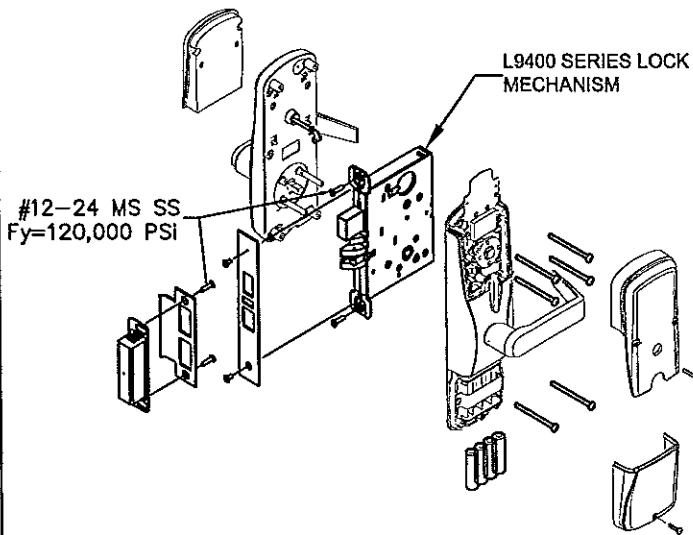
FALCON MA-SERIES MORTISE LOCKSET WITH DEADBOLT AND 3/4" THROW LATCH



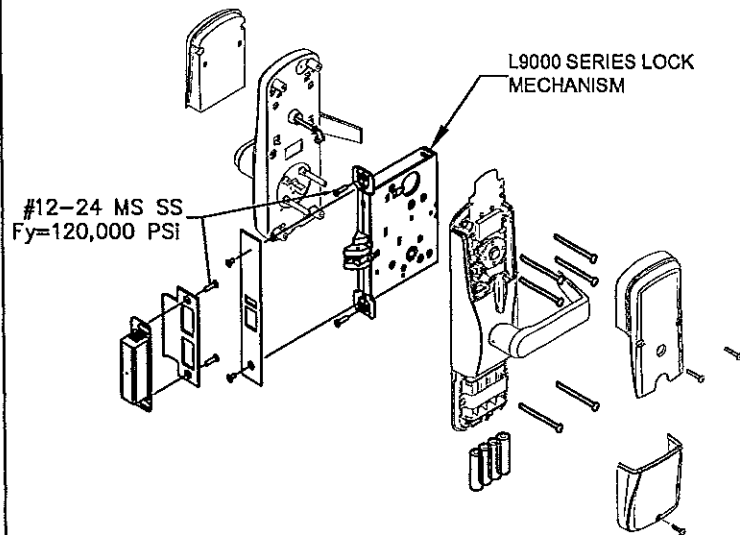
SCHLAGE AD/CO-SERIES CYLINDRICAL LOCKSET WITH 3/4" THROW LATCH



SCHLAGE B600, 700, 800 AND FALCON D100 & 200 SERIES CYLINDRICAL DEADLOCK WITH 1" BOLT THROW WITH FIXED BACKSET (SINGLE DOOR APPLICATIONS ONLY)



SCHLAGE AD/CO MORTISE LOCK MD-SERIES WITH DEADBOLT AND 3/4" THROW LATCH



SCHLAGE AD/CO MORTISE LOCK MS-SERIES WITHOUT DEADBOLT AND WITH 3/4" THROW LATCH

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	JPD 09/05/13	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1205-06
Expiration Date 11/13/18
by *[Signature]*
Daniel Dade Product Control

NOTES:
1. FIRE RATING IS NOT PART OF THIS APPROVAL.
2. ELECTRIC INSTALLATION IS NOT PART OF THIS APPROVAL AND TO BE REVIEWED BY THE BUILDING OFFICIAL.

[Signature]
Gordon Thomas
3759 Blossom Court
Mason, OH 45040
Florida #46718

Date
3759 Blossom Court
Mason, OH 45040
Florida #46718

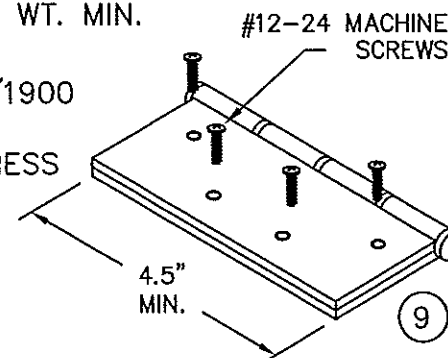
BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN JPD	DATE 09/05/13
CHECKED	
APPROVED	
ENG. APPVL X	

SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS			
LOCKING HARDWARE OPTIONS			
SIZE	FLAT	DWG NO.	REV
SCALE: NTS	AUTOCAD	882W-2	A
SHEET		9 of 12	

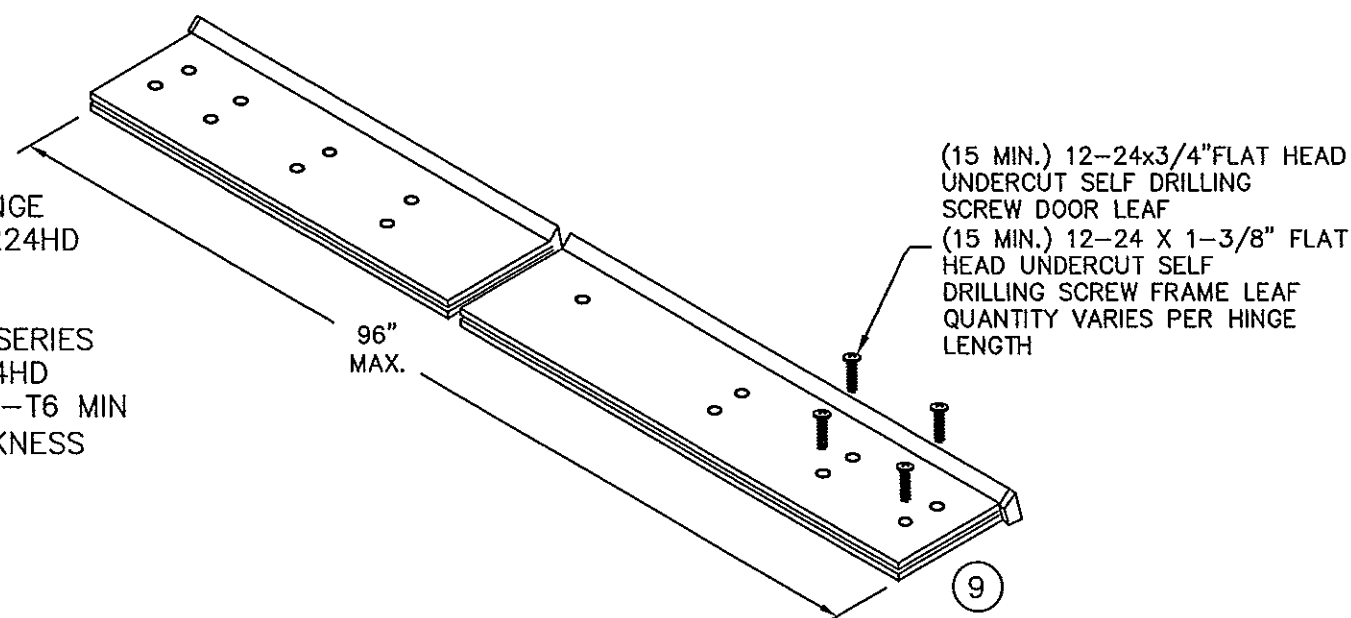
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	09/05/13	

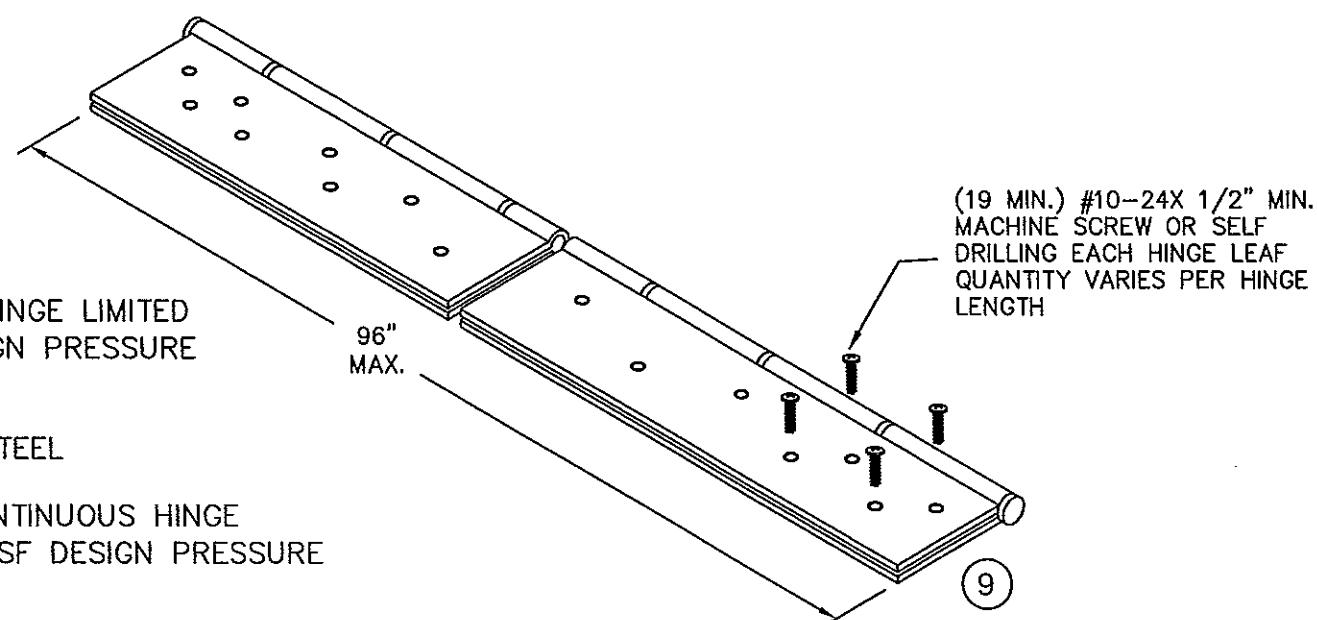
BUTT HINGE
4.5" X 4.5" STD. WT. MIN.
IVES 5BB1/3CB1
STANLEY FBB179/1900
HAGER BB1279
.134" MIN. THICKNESS
Fy MIN. = 36ksi



CONTINUOUS HINGE
IVES 112HD & 224HD
STANLEY 661HD
SELECT SL11HD
PEMCO FM_HD SERIES
HAGER 780-224HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS

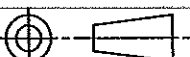


STEEL CONTINUOUS HINGE LIMITED
TO +/-50 PSF DESIGN PRESSURE
IVES 600
.075 MIN. THICKNESS
1012 COLD ROLLED STEEL
Fy MIN. 45ksi
STAINLESS STEEL CONTINUOUS HINGE
LIMITED TO +/-50 PSF DESIGN PRESSURE
IVES 700
HAGER 790-900
MARKAR FM-300 & HG305
.075" MIN. THICKNESS
304 STAINLESS STEEL
Fy MIN. 31ksi

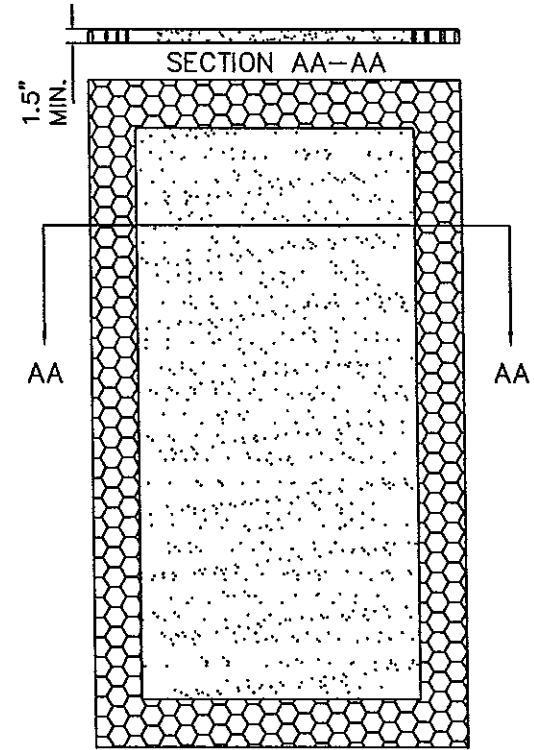


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1205.06
Expiration Date 11/13/18
By *[Signature]*
Steelcraft Product Control

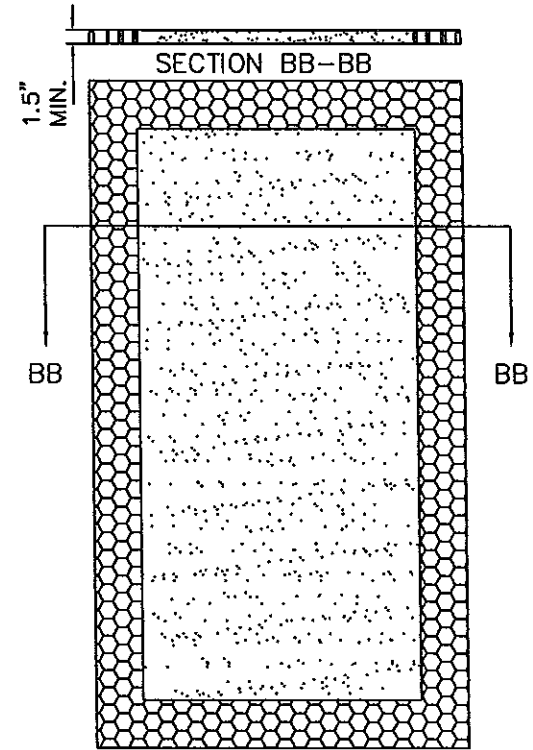
[Signature] 8/12/14
Gordon Thomas Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS			
DRAWN JPD	DATE 09/05/13	HINGE OPTIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 882W-2	REV A
ENG. APPVL		SCALE: NTS	AUTOCAD		SHT 10 OF 12

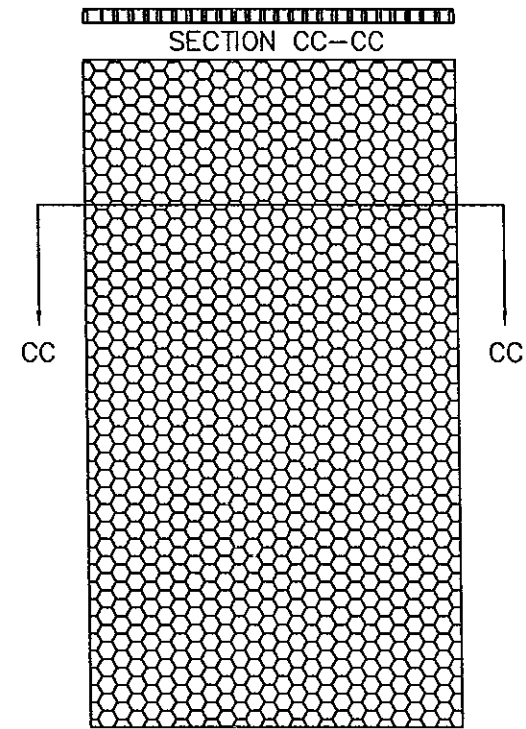
R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS	09/05/13	



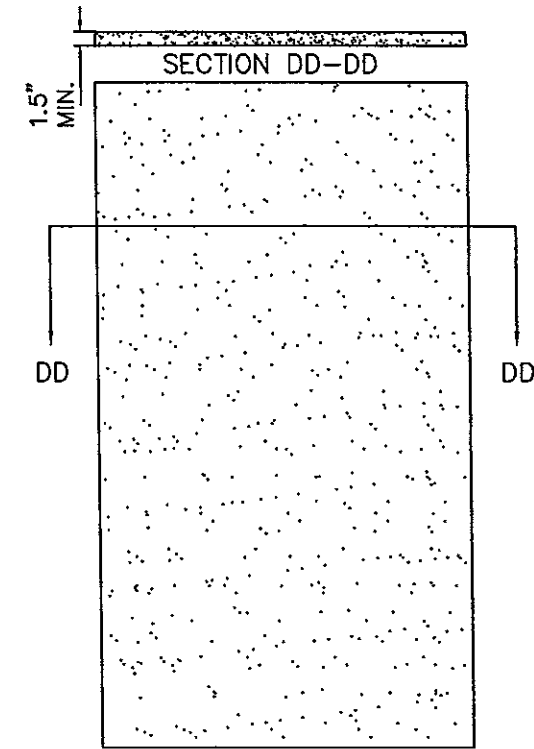
(A) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS
DENSITY: 1.0 LBS/FT³



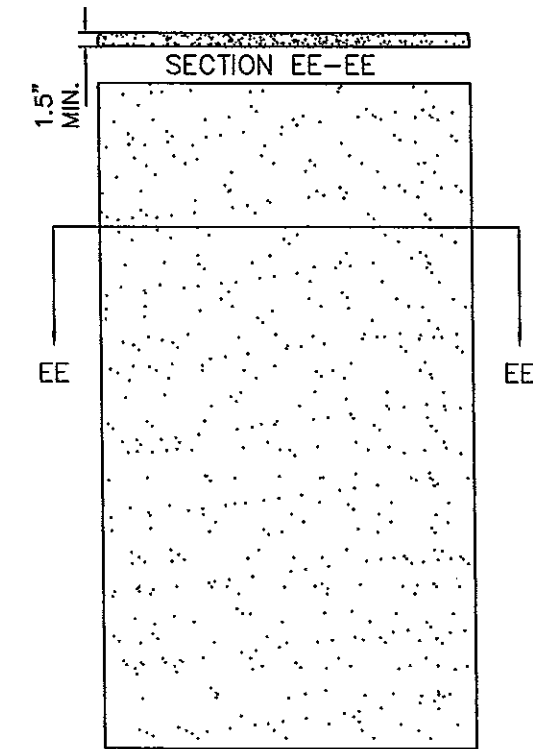
(B) POLYISOCYANURATE
(POLYURETHANE)
BY ELFOAM. DENSITY: 2 LBS/FT³



(C) HONEYCOMB
KRAFT PAPER.



(D) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS, DENSITY: 1.0 LB/FT³



(E) POLYISOCYANURATE
(POLYURETHANE)
BY ELFOAM. DENSITY: 2 LBS/FT³

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1205-DL
Expiration Date 11/13/19
By [Signature]
Miami Dade Product Control

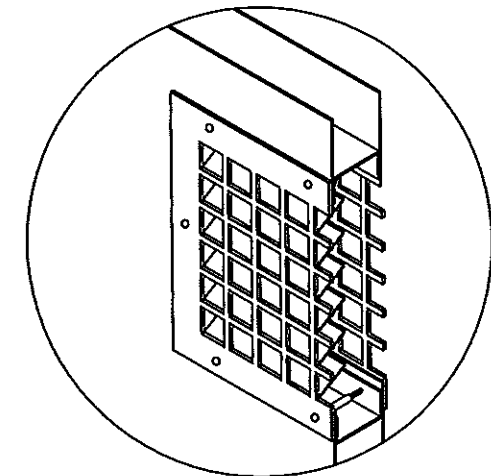
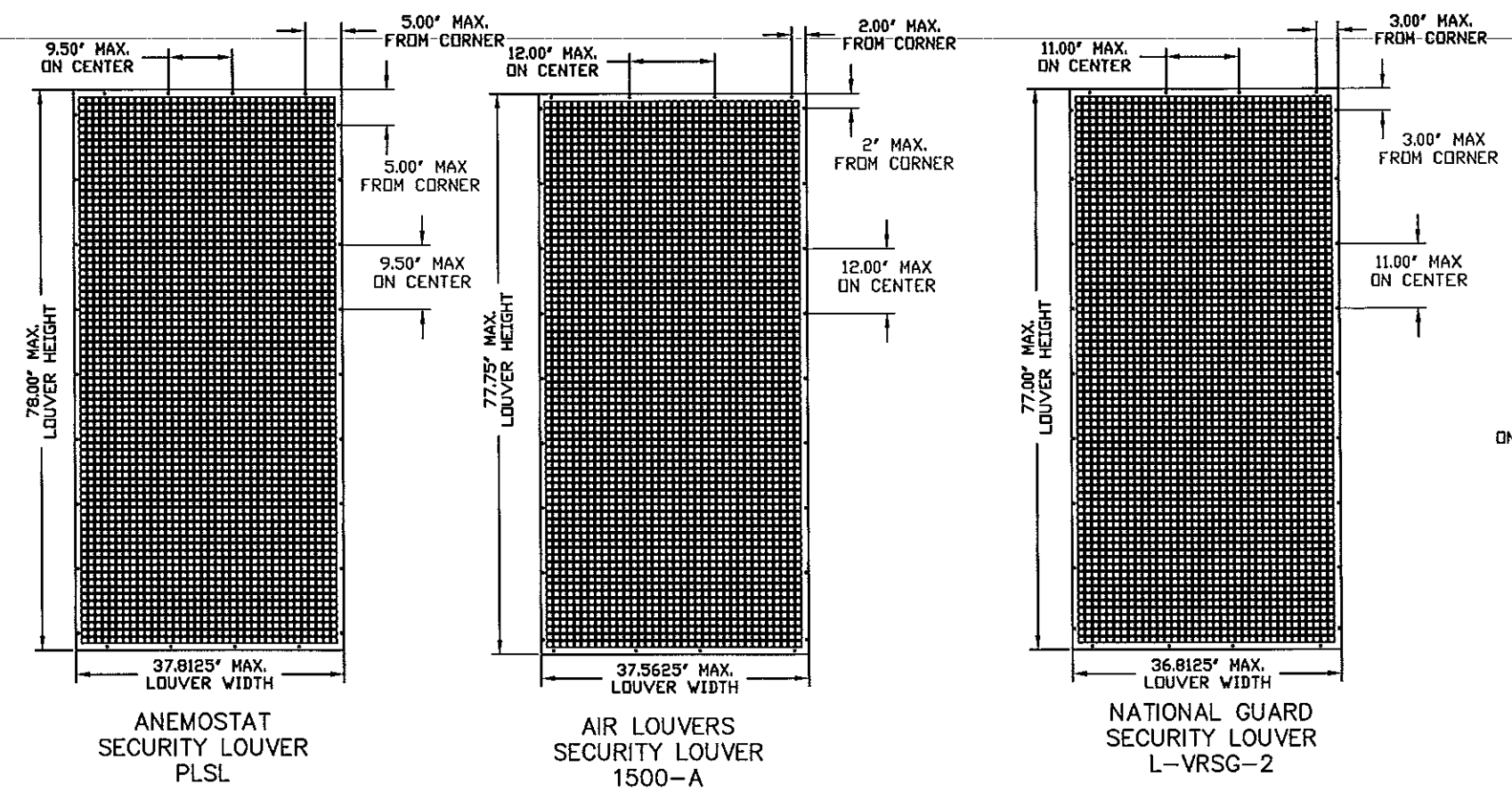
[Signature] Date 8/12/14
Gordon Thomas
3759 Blossom Court
Mason, OH 45040
Florida #46718

- NOTES:
- CORE MATERIAL SHOWN WITHOUT LOUVER CUTOUTS AND REINFORCEMENTS.

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS			
DRAWN JPD	DATE 09/05/13	DOOR CORE MATERIAL OPTIONS			
CHECKED					
APPROVED		SIZE FLAT	DWG NO. 882W-2	REV A	
ENG. APPVL		SCALE: NTS	AUTOCAD	SHT 11 OF 12	

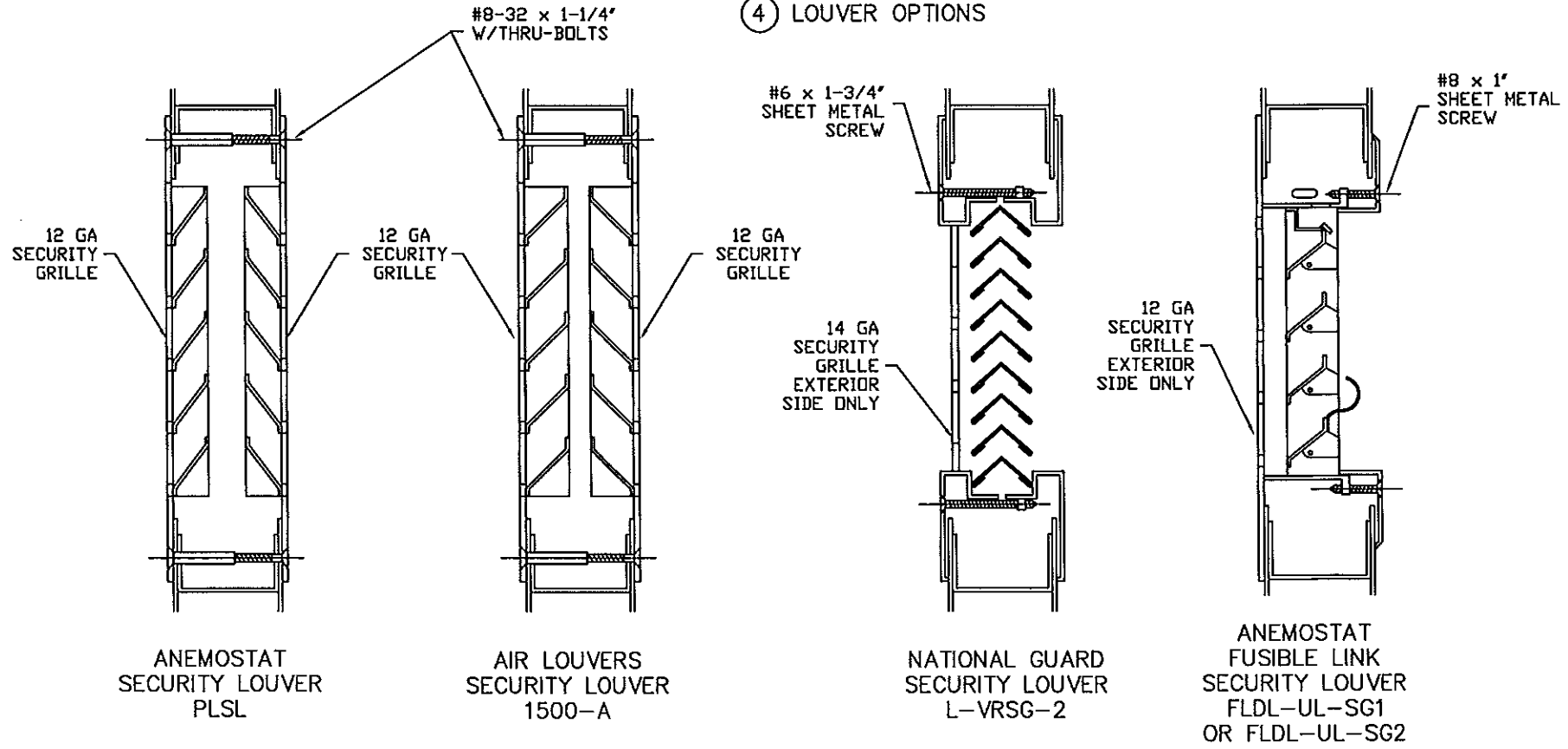
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	09/05/13	



SECURITY LOUVER DETAIL
LOUVERS: NATIONAL GUARD L-VRSG-2
AIR LOUVERS 1500-A
ANEMOSTAT PLSL
ANEMOSTAT FLDL-UL-SG1 OR SG2

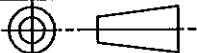
④ LOUVER OPTIONS



NOTES:
1. SCREW SPACING MAY VARY WITH LOUVER HEIGHT AND WIDTH.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1205-06
Expiration Date Nov 13, 2018
By *[Signature]*
Miami Dade Product Control

[Signature] 10/2/14
Gordon Thomas Date
3759 Blossom Court
Mason, OH 45040
Florida #46718

BEND RADIUS				SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION				TITLE		STEELCRAFT H SERIES SINGLE AND DOUBLE LOUVERED DOORS	
DRAWN	JPD	DATE	LOUVER OPTIONS				
CHECKED		09/05/13					
APPROVED		SIZE	FLAT	DWG NO.	882W-2	REV	A
ENG. APPVL		SCALE	NTS	AUTOCAD		SHEET	12 OF 12